

➤ Subsea Systems

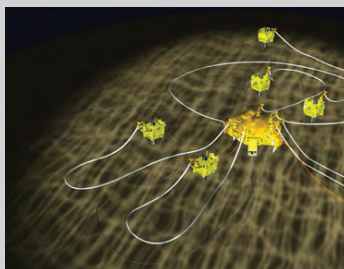
Peritus' capability in Subsea Systems is founded on leading industry personnel, with experience to develop innovative practical solutions for subsea systems.

Subsea systems include subsea trees, subsea hardware (connectors and structures), control systems (including umbilicals), pipelines / flowlines (including HPHT), jumpers and materials.

All projects have their individual challenges from a single well tie-back to a multi-well long distance subsea development. Peritus strive to bring smart, high value and economic solutions whatever the development.

Capabilities include:


- Through life cycle engineering – appraise, select, define, execute, operation support, decommission
- Subsea architecture (including difficult / hazardous terrain), P&ID and layout definition



- Horizontal and vertical remote connection systems
- Pipeline End Manifold (PLEM), In-line Termination (ILT) and Flowline End Termination (FLET) structures
- Manifold and tree protection structures
- Control and workover systems definition
- Umbilical Systems definition and functional specification
- Tree systems definition and functional specification
- Flow Assurance analysis and development of field operability methods
- Material selection, corrosion and corrosion management
- Production of Tender Documents / EPIC packages for procurement, fabrication, construction / installation, testing and commissioning of subsea components
- Production of operating philosophies
- Management of factory acceptance testing and system integration tests
- Procurement / manufacturing / fabrication management
- Construction management including offshore installation, start up and commissioning

Experience:

Peritus' senior technical team consists of industry experts with extensive international knowledge and expertise in difficult or deepwater environments. Members of this team have worked on some of the most innovative projects of their time, in some of the world's most challenging offshore environments.



experts in difficult and deepwater environments

The Peritus mission is to provide high end system engineering services to the offshore oil and gas industry with a particular focus on deepwater and difficult environments for:

- **Subsea Systems**
- Subsea Pipelines
- Risers
- Floating Structures
- Flow Assurance
- Specialist Engineering
- Field Development

